Option 1 **Form B.1** **Public Health Information Systems** **Emergency Medical Services (EMS) Patient Care Record** **Request for Proposal Number 4518Z1**	
Req #	Requirement Description
	Operational Experience Requirement
IV.C	A web-based Public Health Information System to be hosted, serviced, and supported by the successful bidder. Bidder must have a minimum of two (2) years of experience hosting, servicing, and supporting an operational system for the system that they are proposing.
Bidder Response:	
	Project Management Requirements
IV.D.2	Provide Project Management Services. Communicate with project stakeholders to finalize the business requirements. Designate a Project Manager who will communicate with the DHHS's Project Manager to coordinate and schedule the solution implementation, configuration, associated deliverables such as training DHHS staff to enable them to train users, user acceptance testing, and approval of deliverables and any required change management.
Bidder Response:	
IV.D.2	Bidder must provide a general project schedule showing how long each major phase of the project would take to include data migration from the current provider, implementation, configuration, testing, implementation and training.
Bidder Response:	
IV.D.2	After contract award, provide a detailed project schedule.
Bidder Response:	

Option 1 **Form B.1** **Public Health Information Systems** **Emergency Medical Services (EMS) Patient Care Record** **Request for Proposal Number 4518Z1**
Req #	Requirement Description
Implementation
IV.D.3	Conduct a business analysis, establish a detailed project schedule, establish a test environment and a production environment, system setup, system configuration, data migration and configuration, testing and acceptance, training and assistance during rollout
Bidder Response:
General System Requirements
IV.D.4a	Allow data collection, analysis and reporting by authorized users via a web base application using desktops, laptops, tablets and/or smart phones.
Bidder Response:
IV.D.4b	The systems should be browser independent. It should be capable of functioning on all common browsers.
Bidder Response:
IV.D.4c	Allow an unlimited number of users, unlimited number of permission groups with an unlimited number of users within each group.
Bidder Response:
IV.D.4d	Operate efficiently with all broadband Internet connections.
Bidder Response:

Option 1 **Form B.1** **Public Health Information Systems** **Emergency Medical Services (EMS) Patient Care Record** **Request for Proposal Number 4518Z1**	
Req #	Requirement Description
IV.D.4e	Allow DHHS to have administrative rights to oversee the systems including the ability to configure multiple access rights and security levels based on user privilege, to import/export data, and to configure and generate reports. DHHS shall be able to turn on and off the data elements that are available within a given security level for data searching and reporting to ensure data would not be released inadvertently.
Bidder Response:	
IV.D.4f	Meet or exceed all security including but not limited to the Health Insurance Portability and Accountability Act (HIPAA). The system must be HIPAA compliant in both privacy rules and accepted data formats. Must also include procedures for safeguarding the system from unauthorized modification to the application programs and the data contained in the database.
Bidder Response:	
IV.D.4g	Allow updates in data definitions as requirements change, for example, field names, options to select and formats.
Bidder Response:	
IV.D.4h	Allow users to create customized data elements with appropriate formats without additional programming by the vendor (flexibility in data capture).
Bidder Response:	
IV.D.4i	Provide hover help for each field when in the record.
Bidder Response:	

Option 1
Form B.1
Public Health Information Systems
Emergency Medical Services (EMS) Patient Care Record
Request for Proposal Number 4518Z1

Req #	Requirement Description
IV.D.4j	Have an integrated validation module to ensure data submitted is accurate and valid.
Bidder Response:	

IV.D.4k	Allow the DHHS and authorized users to export data to other data systems in the following formats to include, but not limited to:
	  i. XML
	  ii. Microsoft (MS) Access
	  iii. Microsoft SQL: export file requirements
	      a. bcp export file of only Nebraska data
	      b. The corresponding bcp format file
	      c. Command line file which calls bcp import to import the exported bcp file into the DHHS database.
	  iv. HL7 Standard where applicable.

Bidder Response:	
IV.D.4l	Provide a data exchange interface for data to and from other vendors and/or applications.
Bidder Response:	

	Option 1 **Form B.1** **Public Health Information Systems** **Emergency Medical Services (EMS) Patient Care Record** **Request for Proposal Number 4518Z1**
Req #	Requirement Description

IV.D.4m	Provide a data analysis engine or a report generator that:
	   i. Has the ability to analyze data
	   ii. Allows approved users to generate statistical information from the aggregate patient care data through an Internet based query tool.
	   iii. Allows for dynamic and customized analysis without additional programming by the contractor
	   iv. Creates charts with identifying labels and appropriate scientific units.
	   v. Provides for exporting into XML schema
	   vi. Provides the ability to export reports into PDF, Excel, and Word formats.

Bidder Response:	

IV.D.4n	Provide monthly backups of the database accessible to the DHHS for download with the following Microsoft SQL export file requirements:
	   i. bcp export file of only Nebraska data
	   ii. The corresponding bcp format file
	   iii. Command line file which calls bcp import to import the exported bcp file into the DHHS database.

Bidder Response:	
IV.D.4o	Identify a comprehensive list of hardware and software needed by users at the DHHS, hospitals and field levels to allow access and use of the system.
Bidder Response:	
IV.D.4p	Provide train-the-trainer instruction and materials, webinar-based training for users and on-line user manuals for instruction on use of the application and information on data elements that are current and reflect all updates.
Bidder Response:	

Option 1 **Form B.1** **Public Health Information Systems** **Emergency Medical Services (EMS) Patient Care Record** **Request for Proposal Number 4518Z1**	
Req #	Requirement Description
	Service, Support and Enhancements Requirements
IV.D.5a	Provide secure system hosting, maintenance and support for all system functions including help desk support for all users. 24x7x365 support to any user is to be provided.
Bidder Response:	

IV.D.5b	Data is to be housed in servers that are:
	   i. Physically secure
	   ii. Backed up on servers in two (2) different locations.
	   iii. Operational 99.8% of the calendar year. Quarterly reports are to be provided that identify operational status during the previous quarter.

Bidder Response:	
IV.D.5c	Provide new versions released only after they have been fully tested and found to be error free and at a time that is mutually agreeable with DHHS.
Bidder Response:	
IV.D.5d	Provide timely fixes deemed critical by the DHHS as mutually agreeable with DHHS.
Bidder Response:	
IV.D.5e	Improve the system(s) based on DHHS identification of weaknesses and needed adjustments and provide a timeline for completion by the next contract year. DHHS suggestions for improvements will not be pooled with suggestions from other states. Improvements shall be prioritized based on DHHS' needs.
Bidder Response:	

	Option 1 Form B.1 Public Health Information Systems Emergency Medical Services (EMS) Patient Care Record Request for Proposal Number 4518Z1
Req #	Requirement Description
IV.D.5f	Upgrade systems as the national standards and state requirements are changed at no cost to the State.
Bidder Response:	
IV.D.5g	Transition to International Classification of Disease-10 (ICD-10) shall be completed by October 1, 2014 at no charge to the State.
Bidder Response:	
IV.D.5h	Have regular maintenance schedule policies to be provided to DHHS that explain when the system would not be available to Nebraska users.
Bidder Response:	
	Data Migration Requirements

IV.D.6	Migrate data from the DHHS's current provider identifying the length of time needed for conversion, testing and implementation of the proposed system(s) to full operational use by the Department and authorized users. The steps are to include:
	    a. Defining data to be extracted;
	    b. Linking/mapping data to fit the new system;
	    c. Testing results;
	    d. Importing a complete set of data.

Bidder Response:	

	Option 1 Form B.1 Public Health Information Systems Emergency Medical Services (EMS) Patient Care Record Request for Proposal Number 4518Z1
Req #	Requirement Description
Data Ownership Requirement	
IV.D.7	All data collected by the system(s) will be owned exclusively by the DHHS and transferrable in a format approved by DHHS to it or its designee upon contract termination/expiration.
Bidder Response:	
End of Contract Requirements	
IV.D.12	The Contractor shall be responsible for end of contract activities at the completion of the contract to ensure that the transition from Contractor operations by the successor Contractor or the DHHS occurs smoothly and without disruption to the DHHS. End of Contract Transition activities will include planning, timely transfer of data and documentation specifically for Nebraska at no additional cost. This obligation survives the termination of the contract.
Bidder Response:	
Custom Programming	
IV.D.13	Provide custom programming to meet Nebraska's specific needs to be performed by the vendor as requested and approved by DHHS.
Bidder Response:	

Option 1 Form B.1 Public Health Information Systems Emergency Medical Services (EMS) Patient Care Record Request for Proposal Number 4518Z1	
Req #	Requirement Description
	Deliverables

IV.F.1	Project Management Plan to include:
	    a. Identification and contact information for the contractor's project manager and lead technical specialists assigned to the contract.
	    b. Detailed work plan to include a schedule of activities, milestones and timelines.
	    c. Change control procedures.
	    d. Reporting schedule to identify progress, delays, completions, etc.

Bidder Response:	
IV.F.2	System Design document that meets DHHS requirements established in the RFP and subsequent Amendments.
Bidder Response:	
IV.F.3	Data Migration Plan that demonstrates coordination and agreement from the existing DHHS contractor.
Bidder Response:	
IV.F.4	System testing and acceptance to include data migration from the existing DHHS contractor.
Bidder Response:	
IV.F.5	Training Plan.
Bidder Response:	

	Option 1 **Form B.1** **Public Health Information Systems** **Emergency Medical Services (EMS) Patient Care Record** **Request for Proposal Number 4518Z1**
Req #	Requirement Description
IV.F.6	Implementation Plan.
Bidder Response:	
IV.F.7	System implementation to include data migration.
Bidder Response:	
IV.F.8	Ongoing service, support and hosting for the Public Health Information System(s) for which the Bidder has been awarded.
Bidder Response:	

	Option 1 Form B.1 Public Health Information Systems Emergency Medical Services (EMS) Patient Care Record Request for Proposal Number 4518Z1
Req #	Requirement Description
	EMS Patient Record Specific Requirements
IV.D.1	The EMS and Trauma systems must be able to exchange data interactively between the two systems by using the national NEMSIS and NTDS standards. For data fields that are not defined in the two national standards, the state EMS and trauma data dictionaries shall be followed.
Bidder Response:	
IV.D.8a	Data is to comply and meet or exceed state and national data set requirements: EMS data set requirements are defined in the NEMSIS and by Title 172 Nebraska Administrative Code 12. The EMS data dictionary can be found at www.nemsis.org version 2.2.1, however EMS is upgrading to version 3. The EMS solution must meet the latest NEMSIS version requirements within 6 months of standards release and continue to meet future NEMSIS data set standards going forward at no additional cost to DHHS.
Bidder Response:	
IV.D.8b	Be scalable and have a data standard that can be expanded to encompass future data systems and standards. i. Extensible Markup Language (XML) compliant with NEMSIS and NTDS.
Bidder Response:	
IV.D.8c	Data entry is to include functionality to allow point of care data collection with laptops in areas where wireless broadband service is not available. Provide associated Licenses if applicable.
Bidder Response:	

Option 1
Form B.1
Public Health Information Systems
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Req #	Requirement Description
IV.D.8d	DHHS is interested in point-of-care data collection using other mobile devices such as tablets and smart phones for areas where wireless broadband is available.
Bidder Response:	
IV.D.8e	Where wireless broadband is available, provide functionality to allow health care facilities to retrieve pre-hospital patient care files from ambulances en route to determine the level of immediate care needed and to determine the destination hospital. In particular, cardiac patients transmit 12 lead EKG data wirelessly from prehospital provider to hospital.
Bidder Response:	
IV.D.8f	Provide an internal messaging system to allow for communications between staff members within a service.
Bidder Response:	
IV.D.8g	Must have interface options to allow data exchange to and from other NEMSIS and NTDS compliant systems
Bidder Response:	
IV.D.8h	Specific Data Analysis requirements: **i.** Provide the user with the ability to apply simple mathematical formulas across data elements. For example, researchers need to be able to take two independent data elements and create a new data field that will contain the sum, difference, average, product, mean, median, or quotient of the NEMSIS data fields. **ii.** All data fields in the query and analysis section are to be labeled with their appropriate NEMSIS code. Conversely, the electronic health record should have hover help or some other means of identifying which NEMSIS data code is being collected. This will allow researchers to easily evaluate and find the proper data elements even if the data fields have been renamed for familiarity with field users.
Bidder Response:	

DELIVERABLES		COST
Project Management Plan	(See IV.E.1)	
System Design Document	(See IV.E.2)	
Data Migration Plan	(See IV.E.3)	
System Testing and Acceptance	(See IV.E.4)	
Training Plan	(See IV.E.5)	
Implementation Plan	(See IV.E.6)	
System Implementation to include data migration	(See IV.E.7)	
Enterprise License Fee (if Applicable)		
License Fee for Off-Line EMS Data Entry (each)	(See IV.E.8c)	

Option 1
Form B.2 – Pricing Summary
Public Health Information Systems
Emergency Medical Services (EMS) Patient Care Records
Request for Proposal Number 4518Z1

Option 1 Form B.3 –Pricing Summary for Operational Services Public Health Information Systems Emergency Medical Services (EMS) Patient Care Records Request for Proposal Number 4518Z1	
Deliverables	**Cost**
1st Year Operational Service, Total Price	
2nd Year Operational Service, Total Price	
3rd Year Operational Service, Total Price	
4th Year Operational Service, Total Price	
5th Year Operational Service, Total Price	

Option 1 **Form B.4 – Pricing Summary for Future Custom Programming** **Public Health Information Systems** **Emergency Medical Services (EMS) Patient Care Records** **Request for Proposal Number 4518Z1**	
Description	**Cost Per Hour**
Hourly Rate for any future Custom Programming if required for the EMS System as specified by DHHS. (see IV.D.13)	
Hourly Rate for a System Analyst if required for any future Custom Programming if needed for the EMS System as specified by DHHS. (see IV.D.13)	
Please identify any additional staff and hourly rates needed for future custom programming if needed for the EMS System as specified by DHHS. (see IV.D.13), **Provide Detail:**	